

W is substituted or unsubstituted aryl;

X is S;

Y is N(R⁵);

Z is N;

R¹ and R² are independently selected from H, halogen, CN, CO₂R', CONR'R'', (C₁-C₈)alkyl, heteroalkyl, aryl, heteroaryl and N(R⁶)(R⁷), OR⁹, wherein R' and R'' are independently selected from H, (C₁-C₈)alkyl and aryl, and when R' and R'' are attached to nitrogen atom, they may be combined with the nitrogen atom to form a 5-, 6-, or 7-membered ring;

R⁵ is selected from H, (C₁-C₈)alkyl, heteroalkyl, aryl and heteroaryl;

R⁶ and R⁷ are independently selected from H, (C₁-C₈)alkyl, heteroalkyl, aryl and heteroaryl; and

R⁹ is selected from (C₁-C₈)alkyl, heteroalkyl and haloalkyl;

and wherein R² is other than H when W is unsubstituted phenyl, Y is NH and R¹ is (C₁-C₈)alkyl; and R¹ is other than phenyl, when W is phenyl or unsubstituted naphthyl and Y is NH.

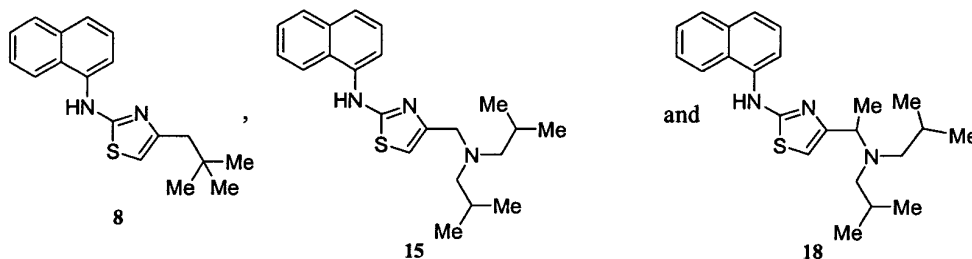
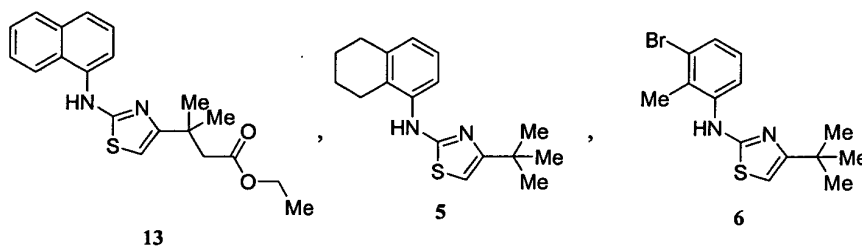
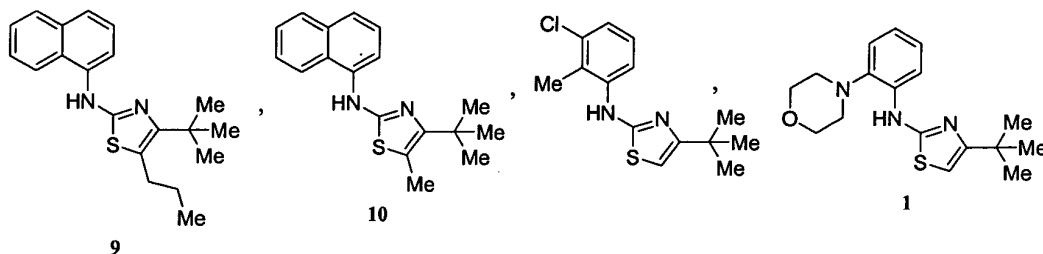
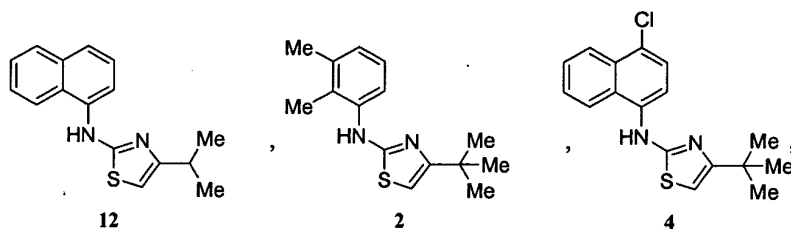
86. (new) A compound of claim 85, wherein W is substituted or unsubstituted phenyl or naphthyl.

87. (new) A compound of claim 85, wherein R¹ and R² are each independently selected from H and (C₁-C₈)alkyl.

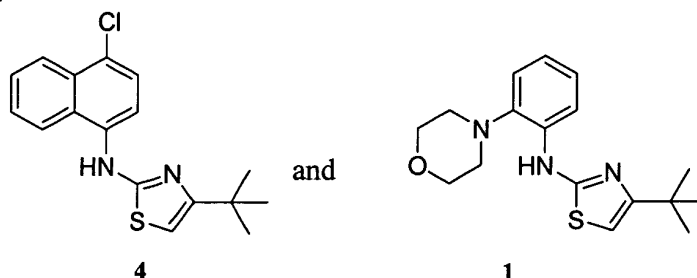
88. (new) A compound of claim 85, wherein W is substituted or unsubstituted naphthyl, and R¹ and R² are each independently selected from H and (C₁-C₈)alkyl.

89. (new) A compound of claim 85, wherein W is substituted or unsubstituted phenyl, and R¹ and R² are each independently selected from H and (C₁-C₈)alkyl.

90. (new) A compound of claim 85, said compound being selected from the group consisting of:

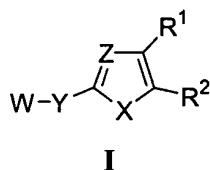


91. (new) A compound of claim 85, said compound being selected from the group consisting of:



92. (new) A compound of claim 85, wherein W is substituted phenyl or substituted or unsubstituted naphthyl, and R¹ and R² are independently selected from the group consisting of H and (C₁-C₈)alkyl.

93. (new) A pharmaceutical composition comprising a pharmaceutically acceptable carrier and a compound of formula (I):



or a pharmaceutically acceptable salt thereof, wherein

W is substituted or unsubstituted aryl;

X is S;

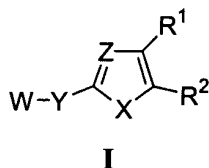
Y is N(R⁵);

Z is N;

R¹ and R² are independently selected from H, halogen, CN, CO₂R', CONR'R'', (C₁-C₈)alkyl, heteroalkyl, aryl, heteroaryl and N(R⁶)(R⁷), OR⁹, wherein R' and R'' are independently selected from H, (C₁-C₈)alkyl and aryl, and when R' and R'' are attached to nitrogen atom, they may be combined with the nitrogen atom to form a 5-, 6-, or 7-membered ring;

R^5 is selected from H, (C₁-C₈)alkyl, heteroalkyl, aryl and heteroaryl;
 R^6 and R^7 are independently selected from H, (C₁-C₈)alkyl, heteroalkyl, aryl and heteroaryl; and
 R^9 is selected from (C₁-C₈)alkyl, heteroalkyl and haloalkyl;
and wherein R^2 is other than H when W is unsubstituted phenyl, Y is NH and R^1 is (C₁-C₈)alkyl; and R^1 is other than phenyl, when W is phenyl or unsubstituted naphthyl and Y is NH.

94. (new) A method for treating a CCR4-mediated condition in a subject, said method comprising administering to a subject in need of such treatment an effective amount of a compound of formula (I):



or a pharmaceutically acceptable salt thereof, wherein

W is substituted or unsubstituted aryl;

X is S;

Y is N(R^5);

Z is N;

R^1 and R^2 are independently selected from H, halogen, CN, CO₂R', CONR'R'', (C₁-C₈)alkyl, heteroalkyl, aryl, heteroaryl and N(R^6)(R^7), OR⁹, wherein R' and R'' are independently selected from H, (C₁-C₈)alkyl and aryl, and when R' and R'' are attached to nitrogen atom, they may be combined with the nitrogen atom to form a 5-, 6-, or 7-membered ring;

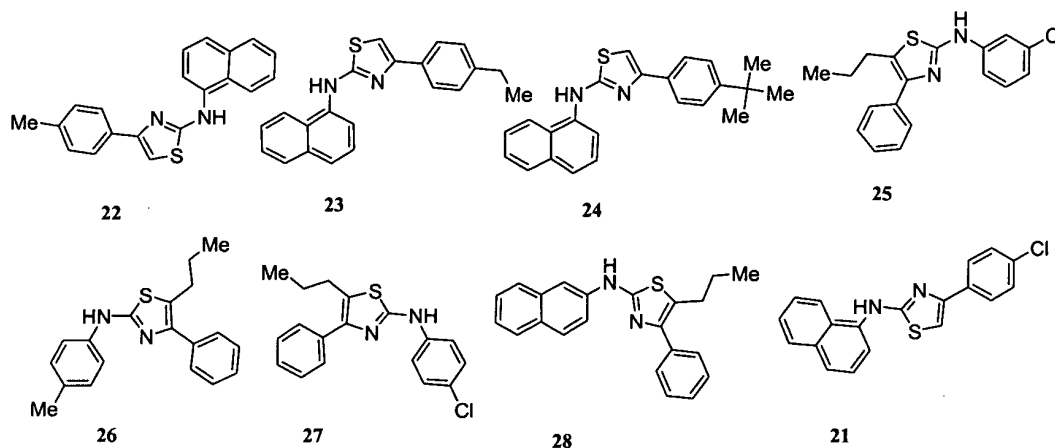
R^5 is selected from H, (C₁-C₈)alkyl, heteroalkyl, aryl and heteroaryl;

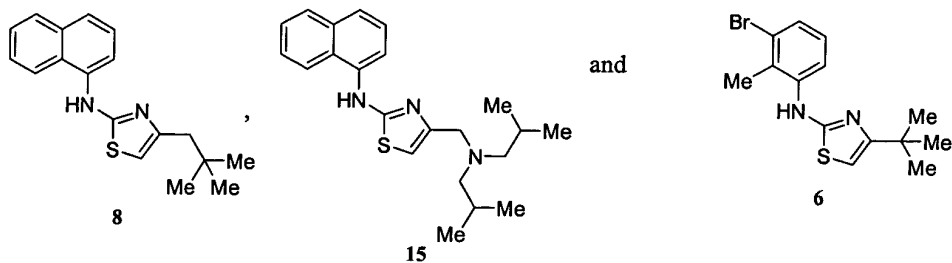
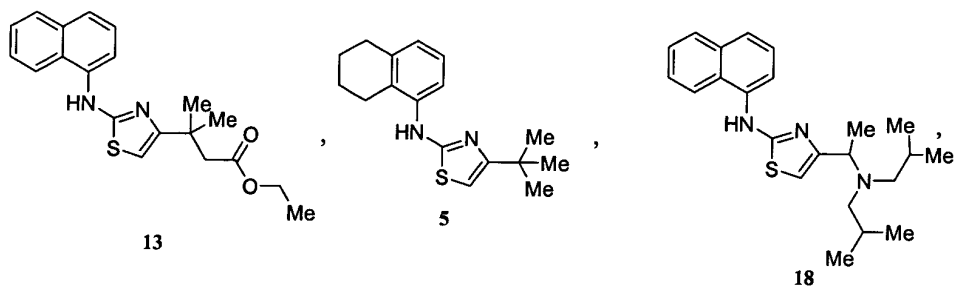
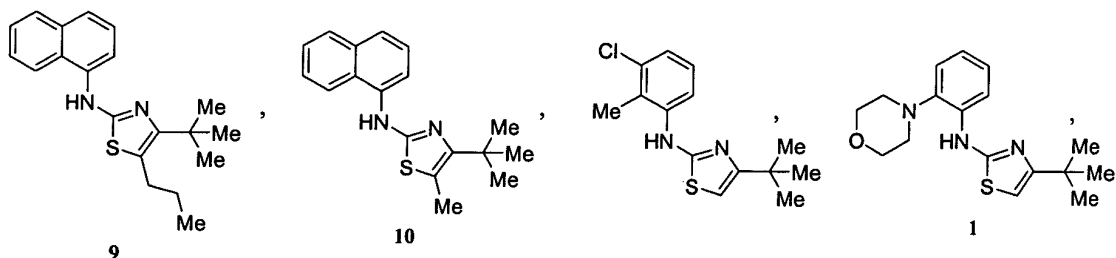
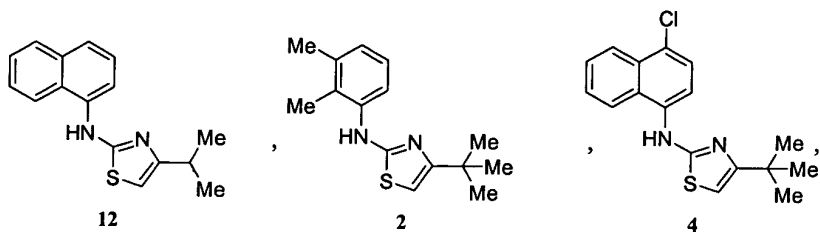
R^6 and R^7 are independently selected from H, (C₁-C₈)alkyl, heteroalkyl, aryl and heteroaryl; and

R^9 is selected from (C₁-C₈)alkyl, heteroalkyl and haloalkyl;

and wherein R^2 is other than H when W is unsubstituted phenyl, Y is NH and R^1 is (C_1-C_8) alkyl; and R^1 is other than phenyl, when W is phenyl or unsubstituted naphthyl and Y is NH.

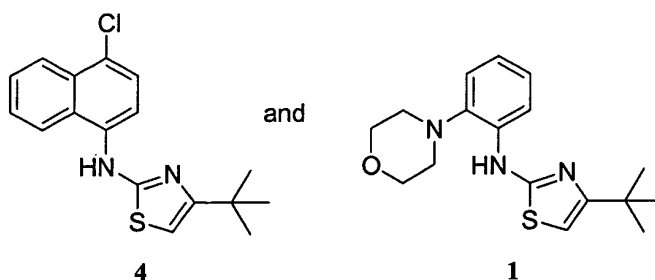
95. (new) A pharmaceutical composition comprising a pharmaceutically acceptable carrier and a compound selected from the group consisting of:



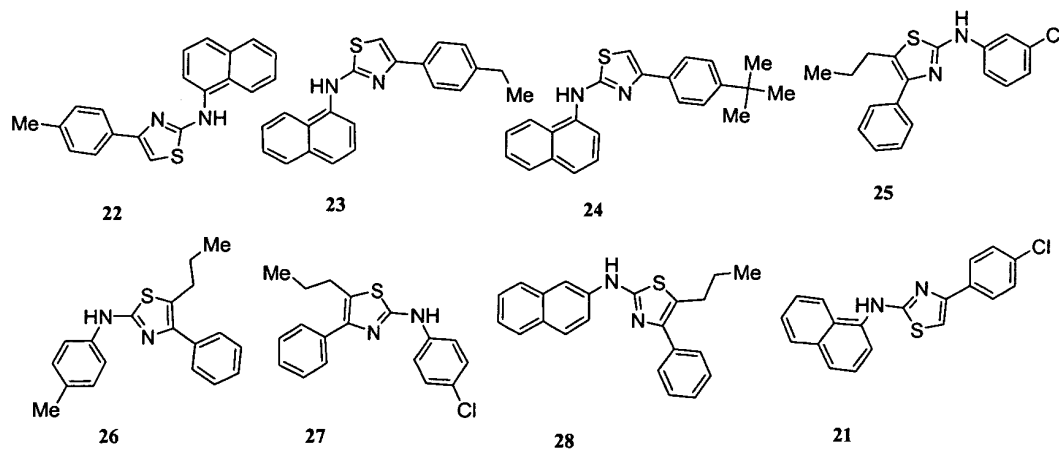


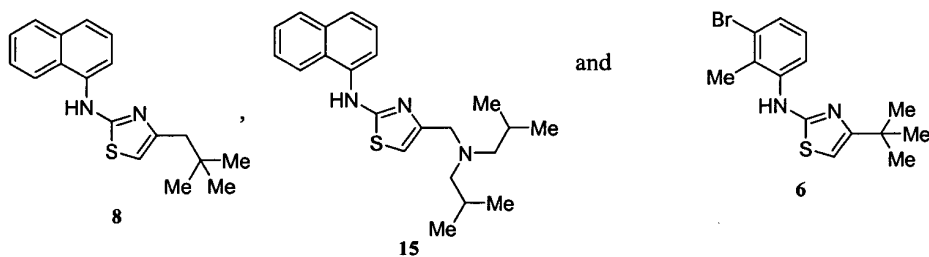
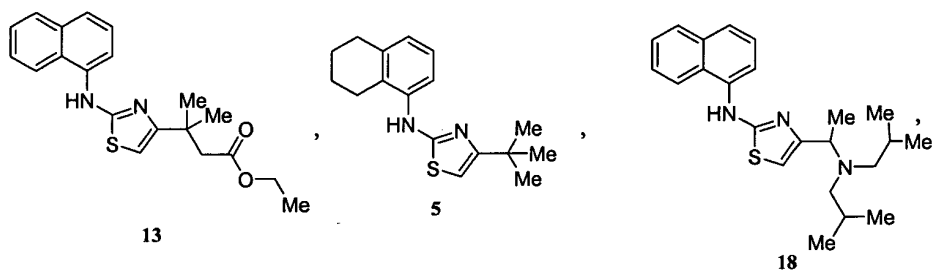
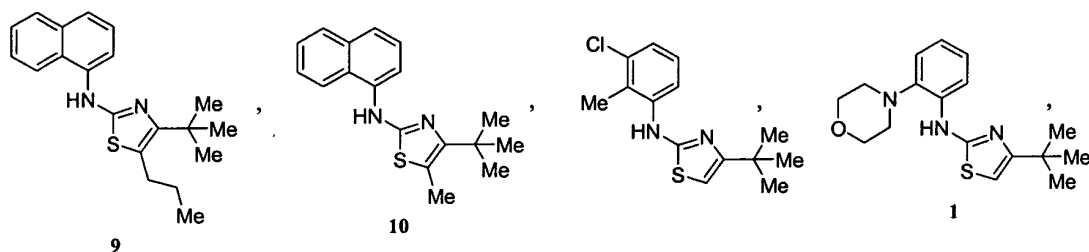
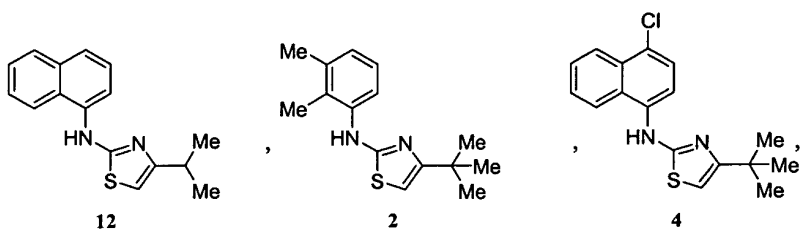
and

96. (new) A pharmaceutical composition of claim 95, wherein said compound is selected from the group consisting of:



97. (new) A method for treating a CCR4-mediated condition in a subject, said method comprising administering to a subject in need of such treatment an effective amount of a compound selected from the group consisting of:





and